YOUR HOOK UP NOTES

CH	CONNECTED TO	VOLTS	AC/DC
1a			
1b			
2a			
2b			
3			
4			
5			
6			

Please note; channels 1a/1b & 2a/2b are paralleled outputs, each having a maximum combined or a single load of 850mA

GUARANTEE

YOUR EQUIPMENT IS GUARANTEED FOR A PERIOD OF TWELVE MONTHS TAKEN FROM THE DATE OF PURCHASE OF THE PRODUCT AGAINST ANY DEFECTS DUE TO FAULTY MATERIALS OR FAULTY MANUFACTURING. DURING THIS PERIOD, REPAIRS TO THE EQUIPMENT WILL BE CARRIED OUT WITHOUT CHARGE FOR LABOUR OR MATERIALS BY ANY AUTHORISED DEALER OR THE FACTORY - SUBJECT TO THE FOLLOWING CONDITIONS.

1. The fault must be entirely due to faulty materials or faulty manufacture.
2. The defect must not have been caused by bad installation, accidental damage, and misuse Or failure to comply with the instructions given in this user manual.
3. The equipment must be used solely for P.S.U. applications and is subject to fair wear and tear, for commercial usage.
4. If at any time during the guarantee period part or parts of the equipment are replaced With a part or parts not supplied or approved by us or if the equipment has been Dismantled or repaired by any person not authorised by the us, then guarantee shall Immediately cease and become void.
5. Evidence of the date of purchase (invoice, receipt or finance agreement) must be Produced at the service department to obtain the benefit of this guarantee. Any carriage charges relating to the guarantee will be the responsibility of the purchaser.
6. This guarantee applies to the original purchaser only and the equipment must have Been purchased or financed from new, the guarantee cannot be assigned or transferred.
7. Any defective part that has been replaced shall become the property of the company And the right is reserved by the company to replace the equipment or repair it at the Option of the company.
8. This guarantee applies to equipment purchased and used within the EEC The Importers of equipment in non-EEC countries are responsible for the guarantee of This equipment. Parts required under guarantee are free. Shipping charges for Components will be charged at cost.
9. Knobs, potentiometers, switches and chassis mount connectors are not covered Under the terms of this guarantee.
10. The guarantee does not cover equipment that is in industrial use or which are the Subject of rental or hire agreement.
11. The guarantee shall become void if the equipment is at anytime used on any supply Circuit or voltage ranges other than that specified on the equipment.
12. Hz excepts no liability for accidental damage or loss of Warrantee to any third Party equipment being used with this product.
13. THIS GUARANTEE DOES NOT IN ANY WAY AFFECT YOUR STATUTORY RIGHTS AS A CONSUMER WITHIN THE EEC

OCTOPUSS

8 CHANNEL RACK MOUNT POWER SUPPLY UTILITY

OWNERS MANUAL

For EUROPEAN 220V -230V OPERATION

CE 00

Hz SOUND - SYSTEMS

Hz INTERNATIONAL LTD COMBE HOUSE - STOKE ST MICHAEL -BATH - SOMERSET – ENGLAND

The ***Octopuss*** has been designed for the musician or artist who has a rack full of sound modules and effects units or for the (home) studio that has run out of wall sockets.

Housed in a 1 unit rack mount case, this **FAN COOLED** P.S.U. can take the place of up to 8 Power adapters and is capable of producing a combination of up to 8 regulated DC or 8 unregulated AC outputs variable from 9 to 12 volts.
This is enough to cover most units on the market, which require the ubiquitous "Wall Wart".

It also features 4 way filtered IEC 230V mains distribution outlet for those units that have on-board power supplies.

CHANNEL	VA - RMS	DC	AC
1a/b – 2a/b	425mA	9 – 12V	9 – 12V
3 - 4	850mA	9 – 12V	9 – 12V
5	1000mA	9 – 12V	9 – 12V
6	1500mA	9 – 12V	9 – 12V
7 - 10	**1A**	N/A	230V

These are maximum current load ratings

Each of these low voltage supplies are totally isolated to enable hum free operation, this unit features suppression filters to CE standards.

UNPACKING

Although the Octopuss has been designed as a rugged piece of professional equipment, it is quite heavy for its size. It contains a high specification modern electronic PCB assembly and should be treated with care.

The packaging of the unit is specifically designed to safely transport this product.
In the unlikely event of the product requiring servicing, this packaging is the safest way to transport it.

All units are factory set for 220-230v operation.
Units factory made for 110/120V supply are clearly marked on the back and should **not** be connected to any higher voltage power source.

FITTING A POWER LEAD PLUG

The wires in the IEC/CEE mains lead are coloured: Earth: Green/Yellow Neutral: Blue Live: Brown

MOUNTING THE UNIT

This unit has been designed for rack mounting use, in a Racking enclosure made to BS5954, IEC297 or Din 41494 standards.

The unit must be mounted in the horizontal position with clear cool air flow of 5cm around the side air vents.
DO NOT USE RACKS NEAR HEATING DUCT OUTLETS, APPLIANCES OR RADIATORS.

If the rack is placed in an enclosed area (cupboard etc.) make sure that there is plenty of rear ventilation and the air is not recycling.

Care is required when installing these units in a rack. It is advisable to put the Rack on its back, then place all the other equipment being fitted to the rack into it before tightening the retaining screws.

Please note that the lid of the Octopuss has to be removed to configure the low voltage outputs - It is advisable to do this first

CONNECTIONS

At the back of the Octpuss you will find the following connections & sockets: -

A. Mains inlet: To connect the unit, via a mains lead, to the AC power supply.
B. 4 way IEC A/C distribution outlets.
C. 8 pairs of bare wire snap-lock outputs (Red Tab = + on DC connections)

OPERATION

Inside the Octopuss are 12 toggle switches for setting AC or DC & the required voltage, these must be set with unit unplugged

These output variables are clearly marked on the lid of the Octopuss.

It is strongly advised to re-check with the your equipment manuals, as to the power required for each individual unit to be connected to the Octopuss; and to make written notes to avoid any confusion, as to which channel goes to what.

Nearly all-commercial units that have wall mounted power supplies use 2.1 or 2.5 mm DC power plugs, with polarity marked cables.

At the free end of the wire, strip back each of the insulators to approx. 1cm, then twist conductors together and insert into the connector.

The tabs on the connector are not sprung and have to be snapped shut; this feature has been chosen to insure a firm grip on all output cables.

The 4 AC outlets are designed to be used on units that have in-built power supplies; they are directly connected to the AC input mains filter and are not effected by the power switch.

Also take careful note of DC power plugs, as to which pin is the + on each item, as it can vary from make to make.

IF YOU ARE UNSURE PLEASE SEEK PROFESSIONAL ADVICE FROM YOUR DEALER OR A QUALIFIED ELECTRONICS ENGINEER